

10/501388

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PATENT

180577-00144

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CUSTOMER No. 31013

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Vinh N. Le.  
Serial No. : N/A  
Filed : Herewith on July 12, 2004  
For : HEAT EXCHANGE TUBULAR REACTOR WITH HEAT PIPE  
Group Art Unit: N/A  
Examiner : N/A

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New York, New York 10022

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants respectfully submit this Information Disclosure Statement and accompanying  
PTO 1449 form pursuant to 37 C.F.R. §§1.97 and 1.98 to comply with the duty of disclosure  
under 37 C.F.R. §1.56. A copy of each listed references, other than U.S. Patents, are enclosed for

the convenience of the Examiner. English translations of the three (3) listed foreign patents are not readily available to Applicant.

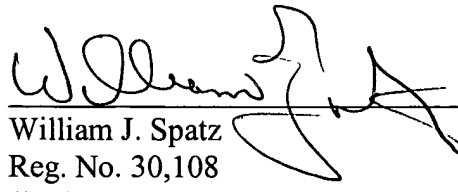
This Information Disclosure Statement is not a representation that the documents cited in the attached PTO-1449 form are considered most pertinent, or that a search has been undertaken, or that any of the cited documents is indeed prior art. The Examiner is invited to undertake an independent search.

Applicants respectfully request that the Examiner consider and make of record the identified documents. Applicants further request that a copy of the Form PTO-1449, appropriately initialed by the Examiner, be returned to Applicants' attorney.

Pursuant to Rule 37 C.F.R. 1.97(b), an Information Disclosure Statement shall be considered by the Patent Office if filed before the mailing date of the first Official Action on the merits. As this Information Disclosure Statement is being filed before the issuance of an Official Action on the merits, no fee is believed to be necessary for this Information Disclosure Statement. However, if any fee is found to be due, the Commissioner is authorized to charge such fee, or credit any overpayment in such fees, to Deposit Account No. 50-0540.

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By:

  
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Based on Form PTO-1449 (3/90)  LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 180577-00144	SERIAL NO. <b>10/501388</b>
	APPLICANTS Vinh N. Le	
	FILING DATE Herewith on July 12, 2004	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	2,778,610	1/1957	Bruegger			
	AB	2,978,797	4/1961	Ekelund			
	AC	3,154,141	10/1964	Huet			
	AD	3,289,644	12/1966	Kodaira			
	AE	3,930,941	1/1976	Meerwald			
	AF	4,923,306	5/1990	Faurke			
	AG	5,027,891	7/1991	Fulford			
	AH	5,071,627	12/1991	Child			
	AI	5,195,575	3/1993	Wylie			
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

## FOREIGN PATENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	BA	DE859297	12/1952	Germany				
	BB	EP0715886	6/1996	EPO				
	BC	JP60153936	12/1985	Japan				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	Patent Abstracts of Japan, Vol. 009, No. 317 (C-319), 12 December 1985, JP 60153936, Babcock Hitachi KK
	CB	Patent Abstracts of Japan, Vol. 013, No. 273 (C-609), 22 June 1989, JP01067246, Mitsubishi Electric Corp.

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	